

IVANOVA, YE. F.

Dissertation: "Investigation of the Electromotive Force of Circuits
Without Transfer in a Series of Alcohols." Cand Chem Sci, Khar'kov
State U. Karkov, 1954. (Referativnyy Zhurnal--Khimiya, No. 16, Moscow,
Aug 1954.)

SO: SUM 393, 28 Feb 1955

"APPROVED FOR RELEASE: 08/10/2001

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CIA-RDP86-00513R000619230007-3"

IZMAYLOV, N.A., prof.; ALEKSANDROV, V.V.; IVANOVA, Ye.F.

Thermodynamic properties of electrolytes in nonaqueous solutions.

Uch. zap. KHGU 95:5-24 '57.

(MIRA 12:10)

(Electrolytes) (Thermodynamics)

ALEKSANDROV, V.V.; IVANOVA, Ye.F.

Conference on the effects of solvents on the properties of electrolytes,
dedicated to the Fortieth Anniversary of the Great October. Uch. zap.

KHGU 95:277-281 '57.

(MIRA 12:10)

(Solution (Chemistry)--Congresses))

AUTHORS: Aleksandrov, V. V., Ivanova, Ye. F. 76-32-4-42/43

TITLE: Chronicle (Khronika).
Transactions of the Conference on the Effect of Solvents
on the Properties of Electrolytes (Soveshchaniye po vo-
prosu vliyaniya rastvoriteley na svoystva elektrolitov)

PERIODICAL: Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 4,
pp. 960-962 (USSR)

ABSTRACT: This conference took place at Khar'kov from 14-16, 1957
and was called by the Chemical and Geological Department
of the Ukrainian Academy of Sciences, ~~the Khar'kov univer-~~
sity imeni A. M. Gor'kiy as well as by the Khar'kov
~~Oblast Administration~~ of the All Union Chemical Society
imeni D. I. Mendeleev. Specialists in the field of so-
lutions from Leningrad, Moscow, Ivanovo, Tashkent and
other towns of the Union took part in it; the program
dealt with the discussion of the problems on electrolyte-
solution solvation, ion association and the influence
of solvents and of temperature on the thermodynamical
properties of electrolytes. After the introduction by

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Chronicle. Transactions of the Conference on the
Effect of Solvents on the Properties of Electrolytes

76-32-4-42/43

N. A. Izmaylov (Khar'kov) 8 lectures and 11 communications were held and delivered, among them; the contribution by K. P. Mishchenko (Leningrad) "The Role of Soviet Scientists in the Development of **Concepts Concerning** Solutions", by S. V. Gorbachev (Moscow) "Modern Problems of the Theory of Electrolytes", by A. F. Kapustinskiy (Moscow): "The Hydration of Ions, Their Mechanism and the Structure of Ion Hydrates" delivered by S. I. Drakin, by K. B. Yatsimirskiy (Ivanovo): "The Entropy of Ion-Solvation", by Ya. A. Fialkov and Z. A. Sheka (Kiyev): "The Phenomenon of Association as one of the Formation Factors of Electrolytic Non-Aqueous Solutions", by I. S. Galinker (Khar'kov): "On the Properties of Aqueous Electrolyte Solutions at High Temperatures", by N. A. Izmaylov: "The Influence of Solutions on the Properties of the Electrolyte", by A. M. Sukhotin (Leningrad): "New Directions for the Development of the Theory of Non-Aqueous Electrolyte Solutions", as well as the reports by S. I. Drakin and V. A. Mikhaylov (Moscow), K. P. Mishchenko and Ye. A. Podgornaya (Leningrad), Ye. V. Kiseleva (Moscow), O. M. Konovalov (Khar'kov),

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Chronicle. Transactions of the Conference on the
Effect of Solvents on the Properties of Electrolytes

76-32-4-42/43

S. S. Urazovskiy and I. P. Kotlyarenko (Khar'kov), K. S. Karetnikov (Moscow), F. N. Kozlenko (L'vov), Ya. A. Fialkov and V. B. Chernogorenko (Kiyev), V. I. Dulova (Tashkent), Ye. I. Vaylem (Khar'kov) and L. L. Spivak (Khar'kov). Short contents of the reports are mentioned. In a discussion at this conference among other demands increased cooperation was desired.

AVAILABLE: Library of Congress

1. Electrolytes--Properties 2. Electrolytes--Effects of solvents

Card 3/3

24(8)

PHASE I BOOK EVALUATION

SOV/2809

Akademiya nauk SSSR, Otdeleniye khimicheskikh nauk

Termodinamika i stroeniye rastvorov; truly soveshchaniya...
(Thermodynamics and Structure of Solutions, Transactions of the
Conference Held January 27-30, 1958) Moscow, 1958-60 AN SSSR,
1959. 295 p. 3,000 copies printed.

Ed.: M. I. Shakhparov, Doctor of Chemical Sciences; Ed. of Publishing
House: M. G. Yegorov; Tech. Ed.: T. V. Polyakova.

PURPOSE: This book is intended for physicists, chemists, and
chemical engineers.

COVERAGE: This collection of papers was originally presented at the
Conference on Thermodynamics and Structure of Solutions sponsored
by the Section of Chemical Sciences of the Academy of Sciences of the
USSR, and the Department of Chemistry, 1958. Officers of the
conference are listed in the book, but not included in this book.
also read at the conference, but not included in this book.
electrolytic solutions, ultrasonic measurement, dielectric
and thermodynamic properties of various mixtures, spectro-
scopic analysis, etc. References accompany individual articles.

Shakhparov, M. I. Present Problems of the Thermodynamic
Theory of Solutions of Nonelectrolytes 36

Shtrom, V. P. Fluctuation of Energy in Solutions and Their
Relation to Heat Capacity 43

Fisher, I. Z., and V. I. Kuz'mich. Molecular Theory of
Solubility 48

Kritchevskiy, I. B., and E. Ye. Rusanova. Critical Phenomena
in Binary Liquid Systems 49

Radzay, V. P. Study of the Critical States of Individual
Compounds and of Their Mixtures With the Aid of Ultrasonic
Methods 56

Barstner, G. M., and A. A. Nemikova. Phase Transitions in
Simple Systems and Their Classification 67

Indryashin, B. B. Use of Ultrasonic Measurements in the
Study of Solutions 72

Shanovskiy, V. V., and E. I. Zemborsk. Transformation of
Binary Heteroazeotropes into Homoazeotropes and Homoazeotropes
87

Stannin, A. V., and A. G. Koshchavskiy. Applicability of
Konvalov's and Vredny's Laws to Ternary Solutions 93

Stannin, A. V., and M. M. Shul'ta. Relation of Thermo-
dynamic Properties of Saturated and Nearly Saturated Ternary
Solutions to Their Composition 97

Kishchenko, E. P. Thermodynamic Properties of Water in
Solutions of Electrolytes 104

Imaylov, M. A. Dissociation of Electrolytes in Nonequilibrium
Solutions 118

Aleksandrov, V. V., and Ye. P. Ivanova. Thermodynamic Proper-
ties of Nonequilibrium Solutions of Electrolytes 122

Imaylov, M. A., V. A. Kuz'mer, I. M. Anisimov, and Ye. V. Vityayev.
Study of the Effect of Solvents on the Strength of Acids by
Means of Optical Methods 126

Khramov, B. P. Association of Acids and Complex Compounds
and Methods of Studying It 133

Yatsinskiy, K. B. Change in Thermodynamic Functions in
Association or Association of Ions in Solutions 140

Yatsinskiy, K. B. Thermodynamics of "Aqueous Complexes"
General. Fundamentals. Study of Partial Pressure of Solvent in
Aqueous Solutions of Electrolytes 144

Yatsinskiy, K. B. Interactions of Proton with Molecules (Water,
Methyl Ethyl, Ethyl and n-Propyl Alcohols) 152

S/076/60/034/05/13/038
BO10/BO025.4600
5.4120
AUTHORS:Ivanova, Ye. F., Izmaylov, N. A.

TITLE:

Thermodynamic Properties of Electrolytes in Non-aqueous
Solutions. IX. Solutions of Potassium Acetate and Potassium
Benzoate in Ethanol

PERIODICAL:

Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 5,
pp. 1021-1026

TEXT: In continuation of systematic investigations of the dependence of the thermodynamic properties of electrolytes upon the nature of the solvent and the concentration of the solution (Refs. 1-3) the authors examined solutions of CH_3COOK and $\text{C}_6\text{H}_5\text{COOK}$ in ethanol. The emf of the chain

$\text{K(Hg)}_x | \text{KA} | \text{AgA} - \text{Ag}$ which has no ion transport, was measured in water

0.1% and ethanol at 25°C, the above-mentioned solutions being used in a wide concentration range. (Table 1: solubility of the salts. Table 2: results). The standard potentials were determined. The values $E_0 = 2.4765$ and

$E_0 = 2.1780$ were obtained for CH_3COOK in water and ethanol, respectively,

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Thermodynamic Properties of Electrolytes
in Non-aqueous Solutions. IX. Solutions
of Potassium Acetate and Potassium Benzoate
in Ethanol

S/076/60/034/05/13/038
B010/B002

whereas $E_0 = 2.4265$ and $E_0 = 2.1795$ hold for C_6H_5COOK in water and ethanol. From the values of E_0 the authors calculated the primary effect $\log \gamma_0$ in ethanol, and for CH_3COOK and C_6H_5COOK they obtained $\log \gamma_0 = 2.52$ and $\log \gamma_0 = 2.51$, respectively. From the latter values they calculated the values of $\log \gamma_0$ for acetic and benzoic acid in ethanol (Table 3). From the emf values they calculated the concentration-activity coefficients γ^\pm for CH_3COOK (up to 1.024 mole) and C_6H_5COOK (up to 0.03535 mole) in ethanol (Table 4). Mention is made of N. A. Izmaylov and V. S. Chernyy (Ref. 3). There are 3 figures, 4 tables, and 9 references: 6 Soviet, 1 German, and 2 American.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A. M. Gor'kogo
(Khar'kov State University imeni A. M. Gor'kiy)

SUBMITTED: June 30, 1958

Card 2/2

KUTLYAROVA, G.P.; IVANOVA, Ye.F.

Determination of the heats of dissolution of KCl and RbCl in
formic acid. Zhur. fiz. khim. 38 no.2:423-426 P '64.

(MIRA 17:8)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.

IVANOVA, Yo.F.

Determination of solvation numbers of acid ions in formic
acid solutions. Zhur. fiz. khim. 39 no.6:1446-1450 Je '65.
(MIRA 18:11)
1. Khar'kovskiy gosudarstvennyy universitet imeni Gor'kogo.
Submitted March 16, 1964.

IVANOVA, Ye.F.; ZAKHAROV, V.A.

Ecology of cemented to substrata Valanginian foraminifers from the
Boyarka Valley (Khatanga trough). Geol. i geofiz. no.7:107-110 '64.
(MTRA 18:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR
Novosibirsk.

IVANOVA, Ye.F.

Adherent Foraminifera from Valanginian sediments in the Ecyarka Valley (Khatanga Depression). Geol. i geofiz. no.1:160-165 '65.
(MIRA 18:6)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

IVANOVA, Ye.F.

Bronchoscopic and cytological diagnosis of bronchopulmonary cancer. Trudy TSU 66:135-143 '64.

Complications in bronchography. Ibid.:144-150

(MIRA 18:5)

IVANOVA, Ye.F.

Bronchoscopic and bronchographic parallels in lung cancer. Trudy
TSIU 2:78-91 '61. (MIRA 15:8)

(LUNGS--CANCER) (BRONCHI--RADIOGRAPHY) (BRONCHOSCOPE)

IVANOVA, Ye.F.; KOZHEVNIKOVA, Ye.N.; ZAGNITKOVSKAYA, E.M.

Cytologic diagnosis of bronchopulmonary cancer by means of
impressions and lavage waters in bronchoscopy. Khirurgiia
no.8:34-39 Ag '62. (MIRA 15:8)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B.K.
Osipov) Tsentral'nogo instituta usovershenstvovaniya vrachev
na baze Gorodskoy klinicheskoy bol'nitsy No.50 (glavnyy vrach
N.P. Brusova).

(LUNGS—CANCER) (BRONCHI—CANCER) (BRONCHOSCOPY)
(DIAGNOSIS, CYTOLOGIC)

SAVEL'YEV, A.G., dotsent; IVANOVA, Ye.G., inzh.

Effect of the composition of incrustations and their thermal properties
on the economic indices of boiler operations. Sud. sl. ust. no.2,169-
181 '63. (MIRA 17:1)

1. Leningradskoye vyssheye inzhenernoye morskoye uchilishche im. admi-
rala Makarova.

IVANOVA, Ye.G.

Experimental study of the heat capacity of liquid technical
guaiacol. Trudy Len. khim.-farm. inst. no.14:219-222 '62
(MIRA 17:2)

Experimental study of the heat conductivity of liquid tech-
nical guaiacol. Izd.:223-230

IVANOVA, Ye.G.; SKOMOROVSKAYA, N.I.; TOKUNOV, V.I.; ASFANDIYAROV, F.A.

Using nonionogenic surfactant additives to water when drilling
in producing strata. Buzenla no.3:23-25 '64.

(MIRA 18:5)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

IVANOVA, Ye. I.

Characteristics of various stages of the transformation of commercial divinyl into its polymer in the presence of metallic sodium painted on rods. G. G. Koblyanski and Ye. I. Ivanova. *Sintet. Kachest.* 4, No. 3, 11-12 (1965). The expts. were carried out with an impure divinyl contg. 80% divinyl, 0.3% AcH and 20% pseudobutylene. The reaction was carried out at room temp. with Fe rods covered with Na and placed in stoppered bottles together with the divinyl. It was observed that the polymer passed into soln., so that the latter increased in viscosity, followed by pptn. of a dense polymer on the rods. The liquid polymer in the bottle acquired a higher viscosity until the entire product was a jelly-like mass of a mean Karrer plasticity of 0.4. Various stages of the reaction were investigated by drawing samples of the liquid product and prep. about 2% C_6H_6 solns. The dense polymer contained the insol. variety, and its viscosity was measured in an Ostwald-Ubbelohde viscometer. The results of the tests are tabulated. A. A. Boettingh

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

SOV/78-4-6-27/44

5(2)

AUTHORS: Serebrennikov, V. V., Ivanova, Ye. I., Alekseyenko, L. A.

TITLE: On the Compounds of Cerium Salts With Pyridine and Quinoline
(O soyedineniyakh soley tseriya s piridinom i khinolinom)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 6,
pp 1377 - 1381 (USSR)

ABSTRACT:

The interaction between cerium trichloride, cerium sulphate and pyridine and quinoline was investigated as well as the thermal resistance of these compounds and in the case of storage over sulphuric acid of different concentration. The stability of the hexathiocyanogen chromiate of cerium hexa-pyridine $[CePy_6][Cr(CNS)_6]$ and that of the hexathiocyanogen chromiate of cerium hexaquinoline $[Cequin_6][Cr(CNS)_6]$ were investigated. The production of the initial compounds was described in the experimental part, i.e. the production of cerium (III)-chloride of anhydrous cerium sulphate $Ce_2(SO_4)_3$, of pyridine, and quinoline and $[CePy_6][Cr(CNS)_6]$ and $[Cequin_6][Cr(CNS)_6]$. Cerium chloride reacts with vaporous

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On the Compounds of Cerium Salts With Pyridine and Quinoline

SOV/78-4-6-27/44

pyridine and quinoline under formation of compounds of different composition. Complexes with 3, 7, and 10 molecules pyridine are formed in the case of a gradual reaction of cerium chloride and pyridine. The course of the interaction of cerium (III)-chloride with vaporous pyridine and quinoline is given in figure 1. Cerium sulphate does not react with vaporous pyridine and quinoline in the temperature range of $-15 - +20^{\circ}$. The stability of the pyridine- and quinoline compounds of cerium is investigated. The experiments for the thermal dissociation of these compounds were carried out in a special apparatus which is depicted. The pyridine loss of the compound $\text{CeCl}_3 \cdot 5.26\text{Py}$ under a pressure of 11.5 torr at 21, 50, and 110° is given in figure 3. The pyridine loss of $\text{CeCl}_3 \cdot 5.26\text{Py}$ at 50° under a pressure of 460, 163, and 11.5 torr is given in figure 4. The pyridine loss of the compounds $\text{CeCl}_3 \cdot 7.85\text{Py}$ and $\text{CeCl}_3 \cdot 9.69\text{Py}$ in the case of storage over sulphuric acid of 44 and 84% is given in figure 5. The thermal stability of the compounds $[\text{CePy}_6][\text{Cr}(\text{CNS})_6]$ and $[\text{Cequin}_6][\text{Cr}(\text{CNS})_6]$ was investigated in

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On the Compounds of Cerium Salts With Pyridine and
Quinoline

SOV/79-4-6-27/44

the case of a change of pressure and temperature and is given in figure 6. The separation of the heterogeneous amine of the above mentioned compounds during the storage over sulphuric acid of 50 and 95% was investigated. The course of the curves at 60 and 100° shows that the pyridine- and quinoline complexes have different thermal stabilities. The increase of the anion charge removes the bonding strength between cerium and pyridine in the complexes. There are 7 figures and 3 references, 1 of which is Soviet.

SUBMITTED: March 25, 1958

Card 3/3

IVANOVA, Yekaterina Ivanova; DEMICHEVA, D.M., redaktor; KIRSANOVA, N.A.,
tekhnicheskiy redaktor

[In the name of a great purpose] Vo imia bol'shoi tseli. [Moskva]
Izd-vo VTsSPS Profizdat, 1954. 55 p. (MIRA 8:7)
(Textile industry)

IVANOVA, Ye. I. and MADANOV, P. V.

"Molybdenum Content in Certain Soils and Plants of the Volga-Kazanskaya Forest Steppe"

Uch. Zap Kazansk. Un-ta, No 1, 1954, 177-181

Author lists the types of soil containing molybdenum in large quantities. He also lists leguminous plants and seeds which contain it. More molybdenum is found in the vegetation growing on chernozem soil than in the plants on podzolic soils and he concludes that need of legumes for molybdenum is greater than that of grasses and molybdenum fertilizer is more effective on podzolic than on chernozem soil. (ZhBiol, No 9, May 1955)

SO: Sum-No 787, 12 Jan 56

VINOKUROV, M.A.; IVANOVA, Ye.I.

Qualitative composition of water-stable aggregates in relation
to their size. Nauch.dokl.vys.shkoly; biol.nauki no.3:230-232
'59. (MIRA 12:10)

1. Rekomendovana kafedroy pochvovedeniya Kazanskogo gosudar-
stvennogo universiteta im. V.I.Ul'yanova-Lenina.
(Soil structure)

IVANOVA, Ye. I.

USSR / Human and Animal Morphology. (Normal and Pathological).
Cardiovascular System.

S

Abs Jour : Ref Zhur - Biol., No 21, 1958, No 97090

Author : Ivanovs, Ye. I.

Inst : Rostov-on-Don Medical Institute

Title : Topography of the Intra-Organic Arterial Vessels of the
Thyroid Gland in a Series of Sections at Different Ages.

Orig Pub : Tr. Otchetn. nauchn. konferentsii (Rostovsk.-n/D. med. in-t),
za 1956g. Rostov-na-Donu, 1957, 159-162

Abstract : Arterial vessels of 51 human thyroid glands of both sexes
at ages of 3-70 years were studied. Variations in the type
and size of branching of superior (STA) and inferior thyroid
arteries (ITA) were noted. STA is usually of magistral type,
ITA of a loose type. The basic interorganic trunk of STA
is more frequently located along the upper border of lobes
of the gland as an arch with concavity upwards; the trunk
of ITA is at the posterior surface and passes by the lateral
end of each of both lobes. 2 zones of distribution of

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35

IVANOVA, Ye.I.

Structure of respiratory tracts and their adaptive characteristics in the Russian desman. Trudy Khop.gos.zap. no.5:173-190
'61. (MIRA 16:2)
(Desmans) (Respiratory organs—Mammals)

IVANOVA, Ye.I.; KOMAROVSKAYA, F.G.

Spectrum analysis of the N47D5 alloy. Sbor.trud. TSNIICHH no.31:
64-66 '63. (MIRA 16:7)

(Nickel-copper alloys—Spectra)

NOVIKOV, G.I.; SERGEYLOVA, N.S.; IVANOVA, N.N.; IVANOVA, Ye.I.;
SHASHKINA, S.I.

Conditions of the genesis and development of air-mass thunder-
storms in the region of the Shosseynaya, Meteorological Station.
Sbor. rab. po sinop. no.5:87-91 '60. (MIRA 14:8)

1. Meteostantsiya Shosseynaya.
(Shosseynaya region--Thunderstorms)

IVANOVA, Ye.I.; MANTROVA, K.F.; POZDNIKOVA, Ye.N.; JORINA, L.I.

Causes of the development of pyrogens in the purification
and concentration of antitoxic serums. Trudy Irk. NIEM no.
6:90-97 '61. (MIRA 17:7)

1. Iz laboratorii kontsentratsii syvorotki irkut'skogo
nauchno-issledovatel'skogo instituta epidemiologii i
mikrobiologii.

GALUSHKO, L.G.; IVANOVA, Ye.I.; POZDNOVA, Ye. N.

Fractional composition of proteins and losses of antitoxin in
the purification and concentration of antidiphtheria serum.
Trudy Irk. NIEM no. 6:98-104 '61. (MIRA 17:7)

1. Iz proizvodstvennogo otdela i biokhimicheskoy laboratorii
Irkutskogo nauchno-issledovatel'skogo instituta epidemiologii
i mikrobiologii.

GOLUTVINA, L.F., kand. tekhn. nauk; PAVLOV, S.A., doktor tekhn. nauk;
IVANOVA, Ye.I., nauchnyy sotrudnik; POPOVA, P.A., nauchnyy
sotrudnik; ZADVORNOV, V.P., nauchnyy sotrudnik.

Operational properties of fireproof coated materials. Nauch.-
issl. trudy VNIIPK no.14:83-92 '63. (MIRA 18:12)

ZHIDKOVA, Z.V.; MEN'SHOVA, I.J.; IVANOVA, Ye.I.

Diffuse reflection spectra as dependent on the sorbate particle size in ion-exchange sorption on resins. Zhur. fiz. khim. 38 no.5:1322-1323 Ky '64. (MIRA 18:12)

1. Submitted June 20, 1963.

SHISHKOVA, V.N.; BRONSHTEYN, R.M.; IVANOVA, Ye.I.

Psycho-prophylactic technique in painless labors. Akush. gin. no.2:
25-29 Mar-Apr 51. (CIAM 20:8)

1. Candidate Medical Sciences V.N. Shishkova; Candidate Medical
Sciences R.M. Bronshtoy. 2. Of the Institute of Obstetrics and
Gynecology (Head--Prof. K.N. Zhmakin), First Moscow Order of Lenin
Medical Institute.

Ivanova, Ye.I.

IVANOVA, Ye.I.

Oxygen content of arterial blood depending on the form of analgesia during surgery in gynecological diseases; oxyhemographic examination [with summary in English]. Akush. i gin. 33 no.4:69-74 J1-Ag '57.
(MIRA 10:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. I.I.Yakovlev)
I Leningradskogo meditsinskogo instituta imeni akad. I.P.Pavlova.

(OXYGEN, in blood

arterial saturation, during surg. in gyn.dis., eff.
of anesth.)

(ANESTHESIA, eff.

on arterial oxygen saturation during surg. in gyn.dis.)

(GYNECOLOGICAL DISEASES, surg.

eff. of anesth. on arterial oxygen saturation)

IVANOVA, Ye. I., Cand Med Sci (diss) -- "The degree of oxygen saturation of the arterial blood in women in gynecological operations as a function of preparation for them and of the type of ailment (Data of oxymetric investigations)". Leningrad, 1958. 14 pp (First Leningrad Med Inst im Acad I. P. Pavlov, Chair of Obstetrics and Gynecology) (KL, No 10, 1960, 136)

KHIMCHENKO, Yu.I.; UL'BERG, Z.R.; PRIKHOD'KO, G.P.; IVANOVA, Ye.I.;
KABAKCHI, A.M.; MELESHEVICH, A.P.; NATANSON, E.M.

Effect of γ -irradiation on the structure of epoxide resin
and metal polymers based on it. Ukr. khim. zhur. 31 no. 11:
1164-1167 '65 (MIRA 19:1)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR
i Institut obshchey i neorganicheskoy khimii AN UkrSSR.

L 00721-67 ENT(m)/ENP(j)/T IJP(c) RM/NW

ACC NR: AP6024845

SOURCE CODE: UE/0073/66/032/004/0360/0370

AUTHOR: Klochkov, V. P.; Shpigun, A. A.; Ul'berg, Z. R.; Prilkhod'ko, G. P.; Ivanova, Ye. I.; Kabakchi, A. M.; Meleshevich, A. P.; Natanson, E. M. 47

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR (Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: X-ray diffraction study of ED-5 epoxy-diane resin irradiated with Co⁶⁰ gamma rays and of metallopolymers based on it 19

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 4, 1966, 366-370

TOPIC TAGS: metallopolymer material, epoxy plastic, resin, irradiation effect, gamma irradiation

ABSTRACT: The effect of gamma irradiation on the molecular structure of ED-5 epoxy-diane resin and metallopolymers prepared from it and containing from 1 to 6% copper and 5% lead was studied by using a URS-50 I diffractometer and a scintillation method. The irradiation of purified uncured ED-5 resin and its mixtures with colloidal metals was carried out on a UK-70 000 unit (with a Co⁶⁰ activity corresponding to 70 000 g-eq of Ra). A distinct structure appeared in the resin as a result of the irradiation: under the influence of the high-energy radiation, the highly dispersed copper was found to accelerate the ordering effect in the resin. An appreciable increase in the degree of crystallinity was produced by the irradiation in the binary system ED-5 + 6%

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UDC: 621.039.55

L 00724-67

ACC NR: AP6024845

copper. The combined influence of gamma radiation and colloidal lead on the structuration of ED-5 and the interaction of the latter with the metal were much less pronounced than in the case of the system containing copper. Orig. art. has: 5 figures, 1 table, and 2 formulas.

SUB CODE: 11/ SUBM DATE: 08Jul64/ ORIG REF: 004/ OTH REF: 002

Card 2/2 afs

ACC NR: AP6013882

(A)

SOURCE CODE: UP/0073/65/031/011/1164/1167

AUTHOR: Khimchenko, Yu. I.; Ul'berg, Z. P.; Prikhod'ko, G. P.; Ivanova, Ye. I.; Kabakchi, A. M.; Meleshevich, A. P.; Natanson, E. M.

ORG: Institute of Physical Chemistry im. L. V. Pisarzhevskiy, AN UkrSSR (Institut fizicheskoy khimii AN UkrSSR)

TITLE: Effect of gamma irradiation on the structure of epoxy resin and metallopoly-
mers based on epoxy resin

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 11, 1965, 1164-1167

TOPIC TAGS: gamma irradiation, irradiation effect, epoxy plastic, metallopolymer
material, IR spectroscopy, resin

ABSTRACT: Infrared spectroscopy in the range of 600-2000 cm^{-1} was used to determine the effect of Co^{60} gamma radiation on ED-5² epoxy-diana resins, and on metallopolymer from these resins containing 1 and 6% copper and 5% lead. In the resins, a new band (corresponding to carbonyl groups) was found at about 1720 cm^{-1} which increased substantially in intensity as the irradiation was continued. At the same time, the integral intensity of the 915 cm^{-1} band decreased. This is thought to be due to the opening of epoxy rings with the formation of carbonyl groups:

UDC: 621.039.55

Card 1/2

1. IVANOVA, YE. I.
2. USSR (600)
4. Krugloye, Lake-Smelts
7. Occurrence of smallmouthed smelt in the European North. Trudy Gidrobiol. ob-va. No. 4 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

IVANOVA, Ye. I.

Characteristics of body proportions of sperm whales (*Physeter catodon*)
1.) Trudy Inst. okean. no. 18:100-112 '59. (MLRA 8:12)
(Whales)

IVANOVA, Ye.I.

Fish fauna and fisheries of the Kara Bay (according to the materials of the Kara Sea Expedition of 1945-1946). Probl. Sev. no.3:78-90 '59. (MIRA 13:4)

1. Institut morfologii zhivotnykh AN SSSR.
(Kara Bay---Fisheries)

IVANOVA, Ye.I.

Morphological characteristics of the sperm whale (Physeter
catodon L) in the Kurile Island region. Trudy Inst. morf.
zhiv. no.34:151-173 '61. (MIRA 14:11)
(Kurile Islands---Whales)

IVANOVA, Ye.I.

Body proportions and growth of the fin whale (*Balaenoptera physalus* L)
caught near the Kurile Islands. Trudy Inst. morf. zhiv.
no.34:174-194 '61. (MIRA 14:11)
(Kurile Islands--Whales)

IVANOVA, Ye.I.

Pacific killer whale (*Orcinus orca*). Trudy Inst. morf. zhiv.
no.34:205-215 '61. (MIRA 34:11)
(Pacific Ocean--Dolphins)

IVANOVA, Ye.I.

Body proportions of the sei whale (*Balaenoptera borealis* L.) caught
near the Kurile Islands. Trudy Inst. morf. zhiv. no. 34:195-
204 '61. (MIRA 14:11)

(Kurile Islands---Whales)

IVANOVA, Ye.I.

Morphology of the Japanese whale (*Eubalaena sieboldy* Gray).
Trudy Inst. morf. zhiv. no.34:216-225 '61. (MIRA 14:11)
(Kurile Islands--Whales)

IVANOVA, Ye.I.

Body proportions of the little piked whale (*Balaenoptera acuto-*
rostrata Lacepede) from the Kurile Island region. Trudy Inst.
morf. zhiv. no. 34:226-231 '61. (MIRA 14:11)
(Kurile Islands--Whales)

IVANOVA, Ye.I.

Some adaptive characteristics of the heart and the pulmonary-vascular of the desman *Desmana moschata* Lin. Zool. zhur. 42
no.11:1714-1721 '63. (MIRA 17:2)

1. Institute of Animal Morphology, Academy of Sciences of the U.S.S.R., Moscow.

IVANOVA, Ye.I.

Extermination of weeds in oil flax fields. Zemledelie 26 no.12:47-48
D '64. (MIRA 18:4)

1. Sibirskaya opytnaya stantsiya Vsesoyuznogo ordena Trudovogo
Krasnogo Znameni nauchno-issledovatel'skogo instituta maslichnykh
i efiromaslichnykh kul'tur.

SMIRNOV, V.N.; IVANOVA, Ye.I.; GOLOV, V.M.

Diurnal and seasonal dynamics of the liberation of soil carbon dioxide into the atmosphere in conifer-hardwood and hardwood stands of the southern belt of the forest zone. Nauch. dokl. vys. shkoly; biol. nauki no.1:194-198 '64. (MIRA 17:4)

1. Rekomendovana kafedroy lesnogo pochvovedeniya Povolzhskogo lesotekhnicheskogo instituta.

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; IVANOVA, Ye.I., aspirantka; BAGIROV, G.D.; IGAMBERDYEV, Kh., aspirant; TKACH, M.T., agronom; IBAGIMOV, G. R., doktor sel'skokhoz. nauk; ASKEROVA, T.Z.; mladshiy nauchnyy sotrudnik; KOSHKAROVA, D.D., mladshiy nauchnyy sotrudnik; KASUMOV, V.G., mladshiy nauchnyy sotrudnik; RAGIMOV, I.R., mladshiy nauchnyy sotrudnik;

From practices in using poisonous chemicals. Zashch. rast. ot. vred.
i bol. 9 no.5:22-24 '64. (HIRA 17:6)

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Sibirskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh kul'tur, lsil' kul', Omskoy oblasti (for Ivanova).
3. Azerbaydzhanskiy institut zashchity rasteniy, Kirovabad (for Bagirov).
4. Surkhandar'inskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya (for Igamberdyev).
5. Kuybyshevskiy punkt uchota i prognozov (for Tkach).
6. Azerbaydzhanskiy institut zashchity rasteniy (for Ibragimov, Askerova, Koshkarova, Kasumov, Ragimov).
7. Nachal'nik otryada po bor'be s vreditel'nyami i boleznyami rasteniy Chistopol'skogo rayona Tatarskoy ASSR (for Mironov).

IVANOVA, Ye.K.; POTOLOVSKIY, L.A.; DOLADUGIN, A.I.

Continuous alkylation of benzene with olefins obtained in
the thermal cracking of paraffin. Trudy VNIi NF no. 9:241-
255 '63. (MIRA 17:6)

IVANOVA, YE. K.

IVANOVA, YE. K. -- "FIREPROOF QUALITIES OF GLUED WOODEN STRUCTS." SUB. BY JUN 50, MOSCOW
ORDER OF LABOR RED BANNER ENGINEERING CONSTRUCTION INST. (INST. V. V. KUYBYKIN)
(DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCES)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

IVANOVA, Ye.K., kand.tekhn.nauk

Fire resistance of glued wooden columns. Sbor. trud. MISI no.13:
181-190 '58. (MIRA 11:8)

(Columns, Wooden) (Fireproofing of wood)

IVANOVA, Yelena Konstantinovna, kand tekhn. nauk; SILIN, V.N., kand.
tekhn. nauk, nauchnyy red.; VILKOV, G.N., red. izd-va; RUDAKOVA,
N.I., tekhn. red.

[Glued wooden structures] Kleenye dereviannye konstruktsii; opyt
stroitel'stva za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit.
i arkhitekt. i stroit. materialam, 1961. 82 p. (MIRA 14:10)
(Building, Wooden)

IVANOVA, Yelena Konstantinovna, kand. tekhn. nauk; GOLUBKOVA, Ye.S.,
red.; DONSKAYA, G.D., tekhn. red.

[Modern wooden bridges on highways in the U.S.A.] Sovremen-
nye dereviannye mosty na avtomobil'nykh dorogakh SShA. Mo-
skva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i
shosseinykh dorog. RSFSR, 1961. 34 p. (MIRA 15:3)
(United States--Bridges, Wooden)

IVANOVA, Ye.K., kand.tekh.nauk

Special problems in constructing wooden bridges in the United
States. Avt. dor. 24 no. 1:32 Ja '61. (MIRA 14:2)
(United States--Bridges, Wooden)

CHARNY, I.A.; IVANOVA, Ye.L.

Increasing the capacity of pipelines through gas injection. Transp.
i khran. nefti no.7:3-5 '63. (MIRA 17:3)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti:
im. akademika Gubkina.

IVANOVA, YE. L. IVANOV, A. N.

Plows

Two-way five-share plow for an electric tractor. Sel'khoz mashina No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 195², Uncl.

ALEKSEYEV, K.A.; BUROVA, L.L.; IVANOVA, Ye.M.

Effect of high-temperature pulsed annealing on the stability of readings and other characteristics of manganin manometers. Trudy inst.kom.stand.mer i izm.prib. no.75:47-50 '62.

(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy.

PROTSSENKO, P.I.; BRYKOVA, N.A.; IVANOVA, Ye.M.

System $\text{TiNO}_3 - \text{CsNO}_2 - \text{H}_2\text{O}$ at 25°C . Zhur. neorg. khim. 10
no.6:1477-1480 Je '65. (MIRA 18:6)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

PROTSENKO, P.I.; SHISHOLINA, R.F.; IVANOVA, Ye.M.

Reciprocal system consisting of nitrites and nitrates of lithium and cesium. Izv.vys.ucheb.zav.; khim. i khim.tekh. 7 no.2:180-183 '64. (MIRA 18:4)

1. Laboratoriya fiziko-khimicheskogo analiza Rostovskogo-na-Donu gosudarstvennogo universiteta.

IVANOVA, Yelena Mikhaylovna; KAVUN, P.K., red.; FOMICHEY, P.M., tekhn.red.

[Agricultural literature] Sel'skokhoziaistvennaia literatura.
Moskva, Izd-vo Tsentrosoiuz, 1958. 78 p. (Tovarovedenie knizhnykh
tovarov, no.3) (MIRA 12:4)

(Bibliography--Agriculture)

IVANOVA, Ye. M.

Ivanova, Ye. M. "The role of preparation of the sclera in its combination with other antituberculous operations," Sbornik nauch. rabot, postavshih, putevykh akad. izbrakha, Moscow-Leningrad, 1948, p. 66-70

SO: 6-3264, 10 April 1943, (Latopis 'Zhurnal 'nykh Statev, No. 3, 1949)

USSR/General Problems of Pathology - Experimental Therapy.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75498

Author : Ivanova, Ye.M.

Inst : -

Title : Preliminary Data on the Application of Dopane to Lympho-granulomatosis.

Orig Pub : Vopr. onkologii, 1957, 3, No 5, 556-562

Abstract : 50 patients with lymphogranulomatosis in II, principally in III and infrequently in IV stages of disease were treated with dopane (I). The method of application I was individualized, depending on patient's condition, his age and preceding therapy. Usual pattern of treatment: 1st dose 15 mg, subsequent - 10 mg. once in 5 days. Total dosage per course of treatment from 3-4 to 10-12 intakes. In 32 of 50 patients, a good immediate therapeutic effect was observed; in 5 patients, complete resorption of increased peripheral lymphatic nodes and nodes in mediastinum

Card 1/2

Inst. Exp. Pathol. & Therapy of Cancer, Moscow

RUDNYEV, I.M.[Rudniev, I.M.], dotsent; KRIZHNA, T.O.[Kryshna, T.O.],
translator; IVANOVA, Ye.M., .red.; CHUCHUPAK, V.D., tekhn. red.

[How to prevent rhoumatism and rheumatic heart disease in
children] Iak zapobihyty revmatyzmu i revmatychnym zakhvo-
riuvanniam sertsia u ditei. Kyiv, Derzh. med. vyd-vo URSR,
1961. 21 p. (MIRA 15:4)
(RHEUMATIC HEART DISEASE) (RHEUMATISM)

IVANOVA, Ye.M. (Leningrad, Stremyannaya ul., d.11. kv.2)

Methods of roentgenological examination of the small intestine
with barium administration through a duodenal sound. Vest.
rent. 1 rad. 38 no.1:30-32 Ja-F '63. (MIRA 16:10)

1. Iz Ob'yedinennoy polikliniki Oktyabr'skoy zhелеznoy dorogi,
Leningrad.

X

IVANOVA, Ye. M., kand. med. nauk

Acupuncture in ophthalmology. Vest. oft. no.5:45-50 '61.
(MIRA 14:12)

1. Kafedra glaznykh bolezney (zav. - zasluzhennyy deyatel' nauki
prof. M. L. Krasnov) Tsentral'nogo instituta usovershenstvovaniya
vrachey.

(OPHTHALMOLOGY) (ACUPUNCTURE)

KOVALENKO, K.N.; KAZACHENKO, D.V.; IVANOVA, Ye.M.

Thorium **salicylates**. Zhur.neorg.khim. 7 no.10:2340-2344 0 '62.
(MIRA 15:10)

(Thorium salicylate)

PROTSENKO, P.I.; RAZUMOVSKAYA, O.N.; IVANOVA, Ye.M.

Some physicochemical properties of solutions of the
 KNO_2 - $\text{Ba}(\text{NO}_2)_2$ - H_2O system. Izv.vys.ucheb.zav.;
khim.i khim.tekh. 8 no.4:696-701 '65.

(MIRA 18:11)

1. Rostovskiy-na-Donu gosudarstvennyy universitet,
kafedra obshchey i neorganicheskoy khimii.

SOKOLOVA, Yekaterina Ivanovna; IVANOVA, Yekaterina Nikolayevna; YEGOROV, Ivan Petrovich; KOROBEKOV, I.A., nauchnyy.red.; DAYEV, G.A., vedushchiy red.; FRUMKIN, P.S., tekhn.red.

[Permian and Triassic sediments in the Yuzhnaya Emba and their oil potential] Permskie i triasovye otlozheniia Iuzhnoi Emby i ikh neftenosnost'. Leningrad, Gos.nauchno-tekhn.izd-vo nef't.i gorno-toplivnoi lit-ry. Leningr.otd-nie, 1961. 194 p. (Leningrad. Vsesoiuznyi nef'tianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.164). (MIRA 14:8)

(Emba Valley--Petroleum, Geology)

VOROB'YEVA, R.P.; IVANOVA, Ye.N.

Investigating the electron absorption spectra of some sulfamides.
Izv. vys. ucheb. zav.; fiz. no. 1:164-167 '60. (MIRA 13:12)

1. Voronezhskiy gosudarstvennyy universitet.
(Sulfamide--Spectra)

IVANOVA, Ye.N.; VOROB'YEVA, R.P.

Effect of a solvent on the absorption spectra of some sulfamides.
Izv.vys.ucheb.zav.; fiz. no.5:39-43 '61. (MIRA 14:10)

1. Voronezhskiy gosudarstvennyy universitet.
(Sulfamides—Spectra)

GERASIMOV, I.P.; GLAZOVSKAYA, M.A.; IVANOVA, Ye.N.; NOSIN, V.A.; ROZOV, N.N.

In memory of A.I. Bessonov. Izv. AN SSSR. Ser. geog. no. 4:135-136
Jl-Ag '62. (MIRA 16:5)

(Bessonov, Andrei Ivanovich, 1876-1962)

IVANOVA, Ye. N.

LEBEDEV, M.M.; IVANOVA, Ye.N.

Variation of dominance of ingerited characteristics of the parents
in the progeny when mating the female with several males. Uch.zap.
Len.un. no.165:156-160 '53. (MLRA 7:7)

1. Laboratoriya genetiki zhivotnykh kafedry genetiki i selektsii
(zaveduyushchiy kafedroy N.V.Turbin)
(Genetics)

I. IVANOVA, Ye. N.

Name: IVANOVA, Ye. N.

Dissertation: Some remote consequences of Botkin's disease among children

Degree: Cand Med Sci

Defended at
Institution: Kiev Order of Labor Red Banner Medical Inst. imeni Academician A. A. Bogomolets

Publication
Defense Date, Place: 1955, Kiev

Source: Knizhnaya Letopis', No 47, 1956

IVANOVA, Ye.N.

Amount of copper and silicon in the blood in cancer patients.
Vrach. delo no.9:124-125 S '60. (MIRA 13:9)

1. Kafedra biokhimii (zav. - prof. A.O. Voynar) Stalinskogo meditsinskogo instituta.
(CANCER) (COPPER IN THE BODY)
(SILICON IN THE BODY)

IVANOVA, Ye.N.

Significance of lithological factors and jointing in petroleum
fluid flow. Trudy VNIGRI no.190:131-143 '62. (MIRA 16:1)
(Kuybyshev Province—Oil reservoir engineering)
(Orenburg Province—Oil reservoir engineering)

83259

9.2580
9.3260

S/109/60/005/009/004/026
E140/E455

AUTHORS: Shemanayev, G.D. and Ivanova, Ye.N.

TITLE: Locking of Oscillator with Double-Tuned Circuit

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol.5, No.9,
pp.1387-1397

TEXT: This is a continuation of an earlier article (Ref.1) in which it was shown that the synchronization band of a locked oscillator may be broadened by coupling a second tuned circuit to the tuned circuit of the oscillator outside the feedback loop. Steady-state oscillation in a synchronized oscillator with two degrees of freedom was considered in Ref.2,3 only for strong coupling between the circuits. The present study concerns systems with weak coupling, approximating the vacuum tube characteristic by a cubic parabola. The feedback coefficient is taken as real. The behaviour of the system is studied for various amplitudes of the external signal and for couplings lower than, equal to and higher than critical. The more favourable amplitude and phase characteristics of the double-tuned system, compared with those of the single-tuned system, has two consequences. Not only is the capture band broadened but the phase characteristics of the

Card 1/2

CHERNOV, D.Ye., kand.med.nauk; IVANOVA, Ye.N., kand.med.nauk; SOROKA, V.R.,
kand.med.nauk

Content of some trace elements in the tissue of the palatine
tonsils in various clinical forms of chronic tonsillitis. Zhur.
ush., nos.1 gorl.bol. 22 no.2:54-58 Mr-Apr '62. (MIRA 15:11)

1. Iz kafedry otolaringologii (zav. - prof.S.F.Letnik) i kafedry
biokhimii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent
V.N.Okunev) Donetskogo meditsinskogo instituta.

(TRACE ELEMENTS IN THE BODY)

(TONSILS---DISEASES)

IVANOVA, Ye.N., prof., otv. red.; NOGINA, N.A., kand. geol.-minер.
nauk, otv. red.; PAVLOV, A.N., red. izd-va; YEGOROVA, N.F.,
tekhn. red.

[Investigations in the field of the genesis of soils] Is-
sledovaniia v oblasti genezisa pochv. Moskva, Izd-vo Akad.
nauk SSSR, 1963. 265 p. (MIRA 16:6)

1. Vsesoyuznoye obshchestvo pochvovedov.
(Soil formation)

VOROB'YEVA, R.P.; IVANOVA, Ye.N.; CHUKIN, G.D.

Intensity and position of electron absorption bands in
biphenyls in various solvents. Izv. vys. ucheb. zav.; fiz. no.
3:119-123 '64. (MIRA 17:9)

1. Voronezhskiy gosudarstvennyy universitet.

IVANOVA, Ye.N. kand. med. nauk (Moskva)

The precipitation reaction and its isgnificance. Zdrav. Tadzh. 3
no.2:20-24 Mr-Apr '56. (MIRA 12:7)
(PRECIPITATION(CHEMISTRY))

Ivanova, Ye. N.

SHAPIRO, Ya.Ye., prof. (Ryazan'); IVANOVA, Ye.N., kand.med.nauk (Moskva)

Penicillin and its therapeutic use. Fel'd. i skush. 22 no.10:41-45
O '57. (MIRA 11:1)

(PENICILLIN)

SHAPIRO, Ya.Ye., prof., IVANOVA, Ya.N., kand.med.nauk (Moskva)

Streptomycin and its use. *Fel'd. i akush.* 23 no.10:8-13 0'58
(MIRA 11:11)

(STREPTOMYCIN)

SHAPIRO, Ya.Ye., prof.; IVANOVA, Ye.N., kand.med.nauk (Moskva)

Use of broad spectrum antibiotics having antimicrobial effect.
Med.sestra 18 no.8:8-13 Ag '59. (MIRA 12:10)
(ANTIBIOTICS)

IVANOVA, Ye.N., kand.med.nauk

Chemotherapy of diseases caused by pyocyanic bacteria. Zdrav.Belor.
5 no.1:45-46 Ja '60. (MIRA 13:5)
(DRUG THERAPY) (PSEUDOMONAS)

IVANOVA, Ye.N. [Ivanova, IE.N.], dotsent; CHERNYAVSKAYA, V.G. [Cherniavs'ka, V.H.], vrach

Significance of the antistreptolysin O reaction for the diagnosis and prognosis of rheumatic fever in children. Ped., akush. i gin. 23 no.4:12-16 '61. (MIRA 17:1)

1. Kafedra pediatrii (zav. - dotsent D.L.Sigalov [Syhalov, D.L.]) Kiyevskogo instituta usovershenstvovaniya vrachey (direktor - dotsent M.N.Umovist) i Kiyevskaya spetsial'naya detskaya bol'nitsa (glavnyy vrach - T.P.Novikova [Novykova, T.P.]).

IVANOVA, Ye.N.; RIKHTER, B.V.; CHUDNOV, G.A.

Modification of Krotov's device for bacteriological analysis of
the air. Lab. delo 10 no.5:312 '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut gigiyeny im. F.F.Erismana,
Moskva.

IVANOVA, Yo. N.

Card. Medical Sci.

"The Activity of Proteus in Foodstuffs and Its Hygienic Characteristic in Connection With the Occurrence of Outbreaks of Food Poisonings." Sub 11 Apr 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

IVANOVA, Ye.N.

Protolytic and peptolytic properties of Proteus in food products. Gig.
sanit., Moskva No.1:40-43 Jan 52. (GIML 21:4)

1. Of the Microbiological Laboratory of the Department of Food Hygiene,
Institute of Nutrition, Academy of Medical Sciences USSR.

USSR/Biology

FD 289

Card 1/1

Author : Ivanova, Ye. N.

Title : The variability of the biochemical properties of Proteus cultures

Periodical : Mikrobiologiya, 23, 261-264, May/Jun 1954

Abstract : Repeated investigations of the biochemical properties of 163 strains of *Proteus vulgare*, preserved in the laboratory for 2-3 years, showed that many of the characteristics usually used to systematize these microorganisms were unstable. On the basis of these investigations and other material found in literature, the author feels that the division of a number of *Proteus* cultures into individual species, as is proposed in Bergey's manual and other manuals on determinative bacteriology, is insufficiently justified. The discussion is supplemented by charts showing the results of experiments with *Proteus mirabile*, and a reproduction of a table from Bergey's manual. Fifteen references, 11 Soviet.

Institution : Institute of Nutrition, Academy of Medical Sciences, USSR; Moscow

Submitted : August 20, 1953